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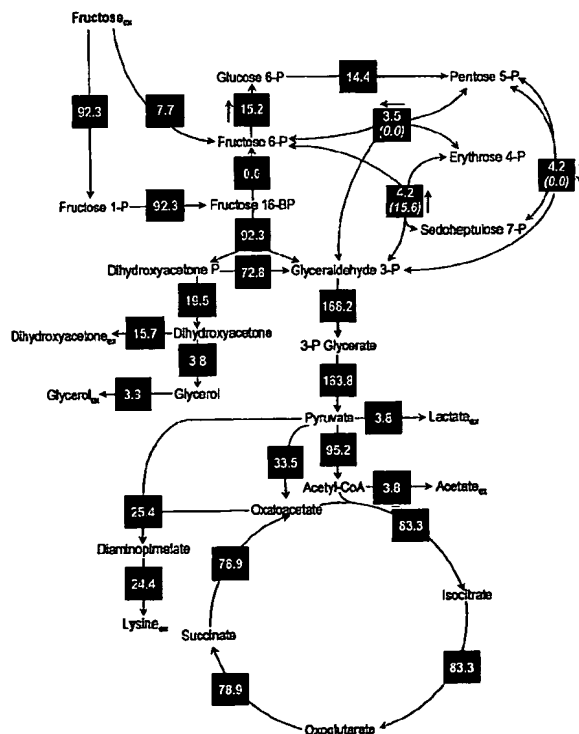
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18 December 2003 (18.12.2003) IB(71) Applicant (for all designated States except US): BASF  
AKTIENGESELLSCHAFT [DE/DE]; Rheinland-Pfalz,  
67056 Ludwigshafen (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ZELDER, Oskar  
[DE/DE]; Franz-Stutzel 8, 67346 Speyer (DE). KLOP-  
PROGGE, Corinna [DE/DE]; Diemerstr. 3, 67065  
Ludwigshafen (DE). SCHRÖDER, Hartwig [DE/DE];Benzstrasse 4, 69226 Nubloch (DE). HÄFNER, Stefan  
[DE/DE]; Luitpoldstrasse 11, 67063 Ludwigshafen (DE).  
KRÖGER, Burkhard [DE/DE]; Im Waldhof 1, 67117  
Limburgerhof (DE). KIEFER, Patrick [DE/DE]; Am  
Homburg 5G, 66123 Saarbrücken (DE). HEINZLE, El-  
mar [DE/DE]; Senator-Richard-Becher-Strasse 48, 66123  
Saarbrücken (DE). WITTMANN, Christoph [DE/DE];  
Am Kalkofen 13, 66127 Saarbrücken (DE).(81) Designated States (unless otherwise indicated, for every  
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(54) Title: METHODS FOR THE PREPARATION OF A FINE CHEMICAL BY FERMENTATION



(57) Abstract: The present invention features methods of increasing the production of a fine chemical, e.g., lysine from a microorganism, e.g., *Corynebacterium* by way of deregulating an enzyme encoding gene, i. e., glycerol kinase. In a preferred embodiment, the invention provides methods of increasing the production of lysine in *Corynebacterium glutamicum* by way of increasing the expression of glycerol kinase activity. The invention also provides a novel process for the production of lysine by way of regulating carbon flux towards oxaloacetate (OAA). In a preferred embodiment, the invention provides methods for the production of lysine by way of utilizing fructose or sucrose as a carbon source.



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